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# Catalogue of Indian Insects

## PART 3—Bombyliidae

FIELD MUSEUM  
OF  
NATURAL HISTORY

Aug 18, 1967  
BY

R. SENIOR-WHITE,

F.E.S.,

(*Malariologist, the Kepittigalla Rubber Estates Ltd., Ceylon.*)



*Issued under the authority of the Government of India.*

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## Catalogue of Indian Insects.

### Part 3.—BOMBYLIIDÆ.

#### BOMBYLIIDÆ.

General account: Howlett, Ind. Ins. L., 597-600, figs.; Will., Dipt. N. Amer., 210-213, figs.; Brun., F. I. Dipt. Brachy. I, 173-174 [characterized]; Verrall, Br. Flies, V, 474-478 [general account and systematic order of genera]; Brun., R. I. M., II, 437-492 [revised cat. of Oriental spp.]; Villen., Ann. S. Ent. Fr. 1905, 304-306 [Meigen's types in Paris Mus.].

#### BOMBYLIINÆ.

Verrall, Br. Flies, V, 483; Brun., F. I. Dipt. Brachy. I, 259.

##### 1. *Empidideicus*, Becker.

*Empidideicus*, Beck., Zeit. f. Hym. u. Dipt., VII, 97, fig. (1907), [Genotype, *E. carthaginensis*, Beck.]; Verr., Br. Flies, V, 484, fig. 272; Brun., F. I. Dipt. Brachy. I, 260.

*indicus*, Brunetti.

*Empidideicus indicus*, Brun., R. I. M., <sup>1 2</sup> Simla. XIII, 77, fig. 1 (1917)<sup>1</sup>; *id.*, F. I. Dipt. Brachy. I, 260<sup>2</sup>.

##### 2. *Geron*, Meigen.

*Geron*, Mg., Syst. Besch., II, 223, (1829) [Genotype, *Bombylius hybridus*, Mg.]; Sch., F. Aust., I, 68; Coq., Tr. Arrer. Ent. Soc., XXI; Mik, Wien. Ent. Zeit., XIV, 106 [parasitic on Pyralid larva]; Ald., Cat. N. Amer. Dipt.,



245; Wulp, Cat. Dipt. S. Asia, 75;  
Kert., Cat. Dipt., V, 98; Brun.,  
R. I. M., II, 459; *id.*, F. I. Dipt.  
Brachy. I, 279.

**albescens**, Brunetti.

*Geron albescens* Brun., R. I. M., III, 229 <sup>1, 2</sup> Orissa.  
(1909)<sup>1</sup>; *id.* F. I. Dipt. Brachy. I, <sup>2</sup> Satara.  
280, figs. 17, 18<sup>2</sup>. Abbottabad.

**argentifrons**, Brunetti.

*Geron argentifrons*, Brun., R. I. M., II, <sup>1, 2</sup> Lahore.  
459 (1909)<sup>1</sup>; *id.* F. I. Dipt. Brachy. <sup>1, 2</sup> Bombay.  
I, 279<sup>2</sup>; Howl., Ind. Ins. L., 598 <sup>1, 2</sup> Pusa.  
[parasite of *Laspeyresia*]. <sup>2</sup> Almora.  
<sup>2</sup> Ceylon.

**3. Usia, Latreille.**

*Usia*, Latr., H. N. Crust. Ins., III, 430 (1802)  
[Genotype, *Volucella florea*, Fb.];  
*id.*, loc. cit., XIV, 300; Kert., Cat.  
Dipt., V, 100; Brun., F. I. Dipt.  
Brachy. I, 281.  
*Volucella*, Fb., (*nec* Geoff.), Ent. Syst., IV,  
412, (1794); *id.*, Syst. Antl., 114;  
Mg., Klass., I, 194.

**marginata**, Brunetti.

*Usia marginata*, Brun., R. I. M., III, 228 <sup>1, 2</sup> Simla.  
(1909)<sup>1</sup>; *id.*, F. I. Dipt. Brachy. I,  
283<sup>2</sup>.

**sedophila**, Brunetti.

*Usia sedophila*, Brun., R. I. M., III, 228 <sup>1, 2</sup> Simla.  
(1909)<sup>1</sup>; *id.*, F. I. Dipt. Brachy. I, <sup>2</sup> Phagu.  
282, fig. 19.<sup>2</sup>

**4. Phthiria, Meigen.**

*Phthiria*, Mg., Illig. Mag., II, 268 (1803)  
[Genotype, *Bombylius pulicarius*  
Mikan]; Sch. F. Aust. I, 66; Coq.



- Trans. Amer. Ent. Soc., XXI, 66;  
 Will., Biologia, Dipt. I, 288; Ald.,  
 Cat. N. Amer. Dipt., 239; Wulp,  
 Cat. Dipt. S. Asia, 75; Kert., Cat.  
 Dipt., V, 112; Verr., Br. Flies, V,  
 487; Brun., R. I. M., II, 459; *id.*,  
 F. I. Dipt. Brachy. I, 284.  
*Cyclorhynchus*, Mq., H. N. Dipt., I, 392 (1834);  
*id.*, Dipt. Exot., II, (1) 114.  
*Dasypalpus*, Mq., Dipt. Exot., II, (1) 112  
 (1840).  
*Megapalpus*, Mq., H. N. Dipt., I, 394  
 (1834).  
*Phytiria*, Rond., Arch. Zool. Modena, III, 56  
 (1863).  
*Pocilogathus*, Jaenn., Abh. Senck. Nat.  
 Ges., VI, 350 (1863); *id.*, N. Exot.  
 Dipt., 43.

**gracilis**, Walker.

- Phthiria gracilis*, Wlk., Dipt. Saund., <sup>2, 3, 4</sup> E. India.  
 184 (1852)<sup>1</sup>; Wulp, Cat. Dipt. S. Asia, <sup>5</sup> Simla.  
 75<sup>2</sup>; Kert., Cat. Dipt., V, 113<sup>3</sup>; Brun.,  
 R. I. M., II, 459<sup>4</sup>; *id.*, F. I. Dipt.  
 Brachy. I, 285, fig. 20<sup>5</sup>.

**5. Systoechus, Loew.**

- Systoechus*, Lw., Neue Beitr., III, 34 (1855)  
 [Genotype, *Bombylius sulphureus*,  
 Mik.]; Kert., Cat. Dipt., V, 120;  
 Wulp, Cat. Dipt. S. Asia, 74; O. S.,  
 W. Dipt., 250; Ald., Cat. N. Amer.  
 Dipt., 237; Brun., R. I. M., II, 458;  
*id.*, F. I. Dipt. Brachy. I, 275, fig. 16.

**eupogonatus**, Bigot.

- Systoechus eupogonatus*, Big., Ann. S. <sup>2, 3, 4, 5</sup> Hindostan.  
 Ent. Fr., (7) II, 365 (1892); Wulp, <sup>3</sup> Ceylon.  
 Cat. Dipt. S. Asia, 74<sup>2</sup>; Kert., Cat.  
 Dipt., V, 121<sup>3</sup>; Brun., R. I. M., II,  
 458<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I, 278<sup>5</sup>.



**flavospinosus, Brunetti.**

*Systoechus flavospinosus*, Brun., F. I. <sup>1</sup> S. Shan States.  
Dipt. Brachy. I, 277 (1920)<sup>1</sup>.

**nivalis, Brunetti.**

*Systoechus nivalis*, Brun., R. I. M., VII, <sup>1, 2</sup> Kumaon.  
472 (1912)<sup>1</sup>; *id.*, F. I. Dipt. Brachy.  
I, 277<sup>2</sup>.

**socius, Walker.**

*Bombylius socius*, Wlk., Dipt. Saund., I, <sup>2, 3</sup> E. India.  
201 (1852)<sup>1</sup>; Wulp, Cat. Dipt. S. Asia, <sup>4</sup> Masuri.  
74<sup>2</sup>; Kert., Cat. Dipt., V, 143.<sup>3</sup> <sup>5, 6</sup> Simla District.  
*Systoechus socius*, Brun., R. I. M., II, <sup>6</sup> Kashmir.  
458<sup>4</sup>; *id.*, loc. cit., III, 226<sup>5</sup>; *id.*, F. I. Abbottabad.  
Dipt. Brachy. I, 276<sup>6</sup>. <sup>6</sup> Dehra Dun.  
<sup>6</sup> Kumaon.  
<sup>6</sup> Sikkim.  
<sup>6</sup> Kangra Valley.  
Mohanpur (Bengal).  
Nilgiris.  
<sup>6</sup> Coimbatore.  
<sup>6</sup> Bellary District.

**6. Anastoechus, Osten-Sacken.**

*Anastoechus*, O. S., W. Dipt., 251 (1877)  
[Genotype, *Bombylius nitidulus* F.,  
as *barbatus*, O-S.]; Ald., Cat. N. Amer.  
Dipt., 237; Kert., Cat. Dipt., V, 124;  
Wulp, Cat. Dipt. S. Asia, 74; Brun.,  
R. I. M., II, 458; *id.*, F. I. Dipt.  
Brachy. I, 278.

**longirostris, van der Wulp.**

*Anastoechus longirostris*, Wulp, Leyd. <sup>2, 3, 4, 5</sup> Himalaya.  
Mus. Notes, VII, 85 (1885)<sup>1</sup>; *id.*, Cat.  
Dipt. S. Asia, 74<sup>2</sup>; Kert., Cat. Dipt.,  
V, 124<sup>4</sup>; Brun., R. I. M., II, 458<sup>4</sup>;  
*id.*, F. I. Dipt. Brachy. I, 278<sup>5</sup>.



7. *Bombylius*, Linnaeus.

*Bombylius*, L., Syst. Nat., edn. X, 606 (1758)

[Genotype, *B. major*, L.]; *id.*, F. Suec., 1918; Latr., H. N. Crust. Ins. III, 429; *id.*, loc. cit., XIV, 298; Fb., Syst. Antl., 128; Mg., Syst. Besch., II, 141; Mq. H. N. Dipt. I 377; Sch., F. Aust., I, 58; O-S., W. Dipt., 247; Ald., Cat. N. Amer. Dipt., 235; Wulp, Cat. Dipt. S. Asia, 73; Kert., Cat. Dipt., V, 125; Verr., Br. Flies, V, 491; Brun., R. I. M., II, 456; *id.*, F. I. Dipt. Brachy. I, 261.

*Choristus*, Wlk., Dipt. Saund., I, 196, (1852).

*Parisus*, Wlk., Dipt. Saund., I, 197, (1852).

*albosparsus*, Bigot.

*Bombylius albosparsus*, Big., Ann. S. <sup>2, 3, 4, 5</sup> Pondicherry. Ent. Fr., (7) II, 362 (1892)<sup>1</sup>; Wulp, Cat. Dipt. S. Asia, 74<sup>2</sup>; Kert., Cat. Dipt., V, 125<sup>3</sup>; Brun., R. I. M., II, 457<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I, 270<sup>5</sup>.

*brunettii*, Senior-White.

*Bombylius brunettii*, S.-W., Spol. Zeyl., XII, 203 (1922)<sup>1</sup>.  
<sup>1</sup> Matale.  
<sup>1</sup> Opalgalla.  
<sup>1</sup> Habarana.  
<sup>1</sup> Kanthalai.  
<sup>1</sup> Trincomali.  
 (All Ceylon.)

*comastes*, Brunetti.

*Bombylius comastes*, Brun., R. I. M., III, 225 (1909)<sup>1</sup>; *id.*, F. I. Dipt. Brachy. I., 268<sup>2</sup>.  
<sup>1</sup> Trivandrum.  
<sup>2</sup> Bombay Presidency. Tanjore. Samalkota.

*erectus*, Brunetti.

*Bombylius erectus*, Brun., R. I. M., II, 457, 480, t. 12, f. 27 (1909)<sup>1</sup>; *id.*, F. I. Dipt. Brachy. I, 267<sup>2</sup>.  
<sup>1, 2</sup> Bangalore.



**fulvipes**, Bigot.

- Bombylius fulvipes*, Big., Ann. S. Ent. <sup>2, 3, 4</sup> Pondicherry.  
 Fr., (7) II, 362 (1892); Wulp, Cat. <sup>4, 5</sup> Allahabad.  
 Dipt. S. Asia, 74<sup>2</sup>; Kert., Cat. Dipt., <sup>5</sup> Belgaum.  
 V, 132<sup>3</sup>; Brun., R. I. M., II, 457, 479<sup>4</sup> <sup>5</sup> Lahore.  
 [redescr.]; *id.*, F. I. Dipt. Brachy. I, <sup>5</sup> N. Kanara.  
 271<sup>5</sup>.

**maculatus**, Fabricius.

- Bombylius maculatus*, Fb., Syst. Ent., <sup>2, 4</sup> Tranquebar.  
 803, 6 (1775); Wd., Auss. Zweifl. Ins., <sup>5</sup> Orissa.  
 I, 342, 19; Wulp, Cat. Dipt. S. Asia, <sup>5</sup> Bellary.  
 73<sup>2</sup>; Kert., Cat. Dipt. V, 134<sup>3</sup>; Brun., <sup>5</sup> Coimbatore.  
 R. I. M., II, 456; *id.*, F. I. Dipt. Trichinopoly District.  
 Brachy. I, 267<sup>5</sup>. <sup>3</sup> S. Asia.

**major**, Linnaeus.

- Bombylius major*, L., Syst. Nat. edn. X, <sup>2, 3, 4, 5</sup> Simla District.  
 606 (1758)<sup>1</sup>; *id.*, F. Suec., 1918; *id.*, Murree Hills.  
 Syst. Nat. edn. XII, 11, 1009; Fb.,  
 Spec. Ins., II, 472; *id.*, Ent. Syst.,  
 IV, 407; *id.*, Syst. Antl., 128; Gmel.,  
 Syst. Nat., V, 2902; Mg., Syst. Besch.,  
 II, 144 [bibliog.]; Mq., H. N. Dipt., I,  
 377; Zett., Dipt. Scand., I, 188;  
 Sch., F. Austr., I, 60; Kirby, F. Bor-  
 Amer., Ins., 312; *id.*, Can. Ent.,  
 XIII, 166; Lw., Neue Beitr., III, 14  
 [notes]; O.-S., W. Dipt., 248; Coq.,  
 Tr. Amer. Ent. Soc., XXI, 110; Ald.,  
 Cat. N. Amer. Dipt., 236; Verr., Br.  
 Flies, V, 497, fig. 290; Kert., Cat.  
 Dipt., V, 134<sup>2</sup>; Brun., R. I. M., I,  
 168<sup>3</sup>; *id.*, loc. cit., II, 457<sup>4</sup>; *id.*, F. I.  
 Dipt. Brachy. I, 265<sup>5</sup>.  
*Bombylius albipectus*, Mq., Dipt. Exot.,  
 supp. V, 82, t. 4, f. 10 (?1846).  
*Bombylius fratellus*, Wd., Auss. Zweifl.  
 Ins., I, 583 (1828).  
*Bombylius sinuatus*, Mg., Klass., 179  
 (?1800); Mik, Monog. Bombyl. Bohem.  
 35, t. 2, f. 4.



*Bombylius variegatus*, de Geer, Mem.

H. N. Ins., VI, 107, t. 14, f. 10 (1782).

*Bombylius vicinus*, Mq., Dipt. Exot., II,  
i, 98 (1840).

**orientalis**, Macquart.

*Bombylius orientalis*, Mq., Dipt. Exot., <sup>3, 7, 4, 5</sup> Bengal.

II, i, 90, t. 6, f. 2 (1840)<sup>1</sup>; Wulp, Cat. <sup>4, 5</sup> Bangalore.

Dipt. S. Asia 74<sup>2</sup>; Kert., Cat. Dipt., <sup>5</sup> Coorg.

V, 139<sup>3</sup>; Brun., R. I. M., II, 456<sup>4</sup>; *id.*, <sup>5</sup> Cawnpore.

F. I. Dipt. Brachy. I, 263<sup>5</sup>, fig. 14; <sup>5</sup> Karikkupam.

Howl., Ind. Ins. L., t. 63, f. 1. <sup>5</sup> Dehra Dun.

*Bombylius tricolor*, Guer., Icon. Regne <sup>5</sup> Bellary District.

Anim., III, 538, t. 95 (1828-1838); Palamau.

Wulp, Cat. Dipt. S. Asia, 74<sup>6</sup>; Kert., Chapra.

Cat. Dipt., V, 144<sup>7</sup>. <sup>2, 3</sup> E. India.

<sup>6</sup> Java.

**propinquus**, Brunetti.

*Bombylius propinquus*, Brun., R. I. M., <sup>1, 2, 3</sup> Ceylon.

III, 226 (1909)<sup>1</sup>; *id.*, Spol. Zeyl., VI,

171<sup>2</sup>; *id.*, F. I. Dipt. Brachy., I, 272<sup>3</sup>.

**pseudoterminalis**, *nom. nov.*

*Bombylius vicinus*, Brun. [*nec.* Mq.], <sup>1, 3</sup> Allahabad.

R. I. M., II, 457, 480 (1909)<sup>1</sup>; *id.*, <sup>2</sup> Nepal Terai.

*loc. cit.*, III, 226<sup>2</sup>; *id.*, F. I. Dipt.

Brachy. I, 270<sup>3</sup>.

**terminalis**, Brunetti.

*Bombylius terminalis*, Brun., R. I. M., <sup>1, 2</sup> Allahabad.

II, 457, 479 (1909)<sup>1</sup>; *id.*, F. I. Dipt. <sup>2</sup> Lahore.

Brachy. I, 270<sup>2</sup>.

**wulpii**, Brunetti.

*Bombylius pulchellus*, Wulp [*nec.* Lw.], <sup>3, 4, 5, 6, 7</sup> Ceylon.

Tijd. v. Ent. XXIII, 164, t. 10, f. 8 <sup>5</sup> Tenmalai.

(1880)<sup>1</sup>; *id.*, Leyd. Mus. Notes, VII, <sup>7</sup> Dehra Dun.

15. <sup>7</sup> Bellary District.

*Comastes pulchellus*, Wulp, Cat. Dipt. S. <sup>7</sup> Orissa.

Asia, 74<sup>2</sup>. <sup>7</sup> N. Kanara.



- Eucharimyia pulchellus*, Kert., Cat. Dipt. V, 147<sup>3</sup>. <sup>7, 8</sup> Travancore.  
<sup>7</sup> Cochin State.  
*Eucharimyia dives*, Big., Ann. S. Ent. Fr., (6) VIII, Bull. p. cxi. (1888); <sup>7</sup> Coimbatore District.  
<sup>7</sup> Upper Burma.  
Wulp, Cat. Dipt. S. Asia, 73<sup>4</sup>.  
*Bombylius scintillans*, Brun., R. I. M., III, 224 (1909)<sup>8</sup>. <sup>2, 3, 5</sup> Java.  
*Bombylius wulpii*, Brun., R. I. I., II, 457 (1909)<sup>5</sup>; *id.*, loc. cit., III, 226<sup>6</sup>;  
*id.*, F. I. Dipt. Brachy. I, 264<sup>7</sup>.

### 8. *Dischistus*, Loew.

- Dischistus*, Lw., Neue Beitr., III, 45, (1855)  
[Genotype, *Bo. bylius minimus*,  
Schrk.]; Kert., Cat. Dipt., V, 116;  
Brun., F. I. Dipt. Brachy. I, 273.  
*Bombylisoma*, Rend., Dipt. Ital. Prodr.,  
i, 164 (1856) [*nec. id.*, Arch. Zool.  
Modena, III, 67 (1863)].  
*Bombylosoma*, Marschall, Nomencl. Zool.,  
323 (1873).  
*Bombyliosoma*, Verr. *apud* Scudder,  
Nomencl. Zool., 47 (1882).

### *ardens*, Walker.

- Bombylius ardens*, Wlk., List Dipt. B. M., <sup>2, 3, 4</sup> E. India.  
II, 284 (1849)<sup>1</sup>; Wulp, Cat. Dipt. S.  
Asia, 74<sup>2</sup>; Kert., Cat. Dipt., V, 126<sup>3</sup>.  
*Systoechus ardens*, Brun., R. I. M., II,  
458.  
*Dischistus ardens*, Brun., F. I. Dipt.  
Brachy. I, 275<sup>4</sup>.

### *resplendens*, Brunetti.

- Dischistus resplendens*, Brun., R. I. M., <sup>1, 2, 3</sup> Simla Hills.  
II, 458, 481 (1909)<sup>1</sup>; *id.*, loc. cit., III, <sup>1, 3</sup> Nepal.  
226; *id.*, F. I. Dipt. Brachy. I, 273, <sup>1, 3</sup> Naini Tal.  
fig. 15<sup>3</sup>, <sup>1, 3</sup> Assam.  
<sup>3</sup> Dehra Dun.  
<sup>3</sup> Ceylon, E. Prov.



## LOMATINÆ.

Verrall, Br. Flies, V, 506; Brun., F. I.  
Dipt. Brachy. I, 255.

9. *Aphoebantus*, Loew.

*Aphaebantus*, Lw., Cent., X, 39, (1872)  
[Genotype, *A. cervinus*, Lw.]; O.-S.,  
Biologia, I, 143-146; Coq., Can. Ent.,  
XVIII, 84; *id.*, Trans. Amer. Ent.  
Soc., XXI, 104; *id.*, W. Amer. Sci.,  
1891, 256; Will., Biologia, I, 285,  
[notes]; Ald., Cat. N. Amer. Dipt.,  
242; Brun., F. I. Dipt. Brachy. I,  
256.

*Triodites*, O.-S., Bull. U. S. Geol. Surv., III,  
245 (1877).

*ceylonicus*, Brunetti.

*Argyramoeba ceylonica*, Brun., R. I. M., 1, 2, 3 Ceylon.  
II, 450, 471, t. 12, f. 24 (1909)<sup>1</sup>; *id.*, 1 Trivandrum.  
Spol. Zeyl., VI, 171<sup>2</sup>. 1, 3 Pusa.  
*Aphoebantus ceylonicus*, Brun. F. I. 3 Darjiling District.  
Dipt. Brachy. I, 257<sup>3</sup>. 3 Allahabad.  
3 Chapra.  
Abbottabad.

## TOXOPHORINÆ.

Verr., Br. Flies, V, 509; Brun., F. I.  
Dipt. Brachy. I, 286.

10. *Toxophora* Meigen.

*Toxophora*, Mg., Illig. Mag., II, 270, (1803)  
[Genotype, *Asilus maculatus*, Rossi];  
*id.*, Klass., 1804; *id.*, Syst. Besch.,  
II, 178; Sch., F. Austr., I, 69; Coq.,  
Entomol. Amer., I, 1886, 221; *id.*,  
W. Amer. Sci. 1891, 199; Glover,  
Entomol. Rpt., 1866, 45 [reared from



*Eumenes* nest]; *id.*, *loc. cit.*, 1870, 78;  
*id.*, *loc. cit.*, 1877, 105, [preying on  
*Bembex*]; Wulp, Cat. Dipt. S. Asia,  
 74; Kert., Cat. Dipt., V, 91; Brun.,  
 R. I. M., II, 458; *id.*, F. I. Dipt.  
 Brachy. I, 287.

**javana, Wiedemann.**

*Toxophora javana*, Wd., Dipt. Exot., <sup>3, 4</sup> Calcutta.  
 179 (1821); *id.*, Auss. Zweifl. Ins., I, <sup>4</sup> Allahabad.  
 363; Mq., Suit. à Buff., 387, 2; Wulp, <sup>4</sup> Madras.  
 Cat. Dipt. S. Asia, 74<sup>1</sup>; Meij., Tijd.  
 v. Ent., LIII, 66; Brun., R. I. M.,  
 II, 458, t. 12 f. 28<sup>3</sup>; *id.*, F. I. Dipt. <sup>2, 4</sup> Java.  
 Brachy. I, 287, t. 3 f. 16<sup>4</sup>.

**SYSTROPINÆ.**

Verr., Br. Flies, V, 513; Brun., F. I. Dipt.  
 Brachy. I, 289.

**11. Systropus, Wiedemann.**

*Systropus*, Wd., Nov. Gen. Dipt., 18, (1829)  
 [Genotype, *S. macilentus*, Wd.]; *id.*,  
 Auss. Zweifl. Ins., I, 359; Mq., H. N.  
 Dipt., I, 391; O.-S., Biologia, I, 157  
 [notes]; Towns., Trans. Amer. Ent.  
 Soc., XXVII, 160; Will., Biologia,  
 I, 292; Ald., Cat. N. Amer. Dipt., 244;  
 Wulp, Cat. Dipt. S. Asia, 74; Kert.,  
 Cat. Dipt., V, 93; Brun., R. I. M., II,  
 459; *id.*, F. I. Dipt. Brachy. I, 289.

*Cephenus*, Latr., Fam. Nat., 496 (1825);  
 Karsch, Zeit. Berl. Ent. Ges., LIII,  
 657; Wandoll., Ent. Nacht., XXIII,  
 198.

*Xystropus*, Verr. *apud* Scudder, Nomencl.,  
 355 (1882); Verr., Br. Flies, V, 514.  
 [note].



**edwardsi, Brunetti.**

*Systropus edwardsi*, Brun., F. I. Dipt. <sup>1</sup> Burma.  
Brachy. 1, 294 (1920)<sup>1</sup>.

**eumenoides, Westwood.**

*Systropus eumenoides*, Wstwd., Guérin <sup>2, 3, 4</sup> Ind. Or.  
Mag. Zool., 1842, 4, t. 90 (1842)<sup>1</sup>; *id.*, <sup>5</sup> N. India.  
Trans. Ent. Soc., Lon., 1876, 575,  
t. 10, ff. 13-15; Wulp, Cat. Dipt. S.  
Asia, 74<sup>2</sup>; Kert., Cat. Dipt., V, 94<sup>3</sup>;  
Brun., R. I. M., II, 459<sup>4</sup>; *id.*, F. I.  
Dipt. Brachy. I, 294<sup>5</sup>.

**flavipleura, Brunetti.**

*Inset 5 year Systropus flavipleura*, Brun., Leborg.  
F. I. Dipt. Brachy., I, 295 (1920)<sup>1</sup>. <sup>1</sup> Sikkim.  
<sup>1</sup> Khasis.  
Shillong.

**ophioneus, Westwood.**

*Systropus ophionius*, Wstwd., Trans. <sup>2, 3, 4</sup> Ind. Or.  
Ent. Soc., Lon., V, 233, t. 23, f. 6 <sup>5, 6</sup> Nepal.  
(1849)<sup>1</sup>; *id.*, loc. cit., 1876, 574; Wulp, <sup>5, 6</sup> Masuri.  
Cat. Dipt. S. Asia, 74<sup>2</sup>; Kert., Cat. <sup>5</sup> Darjiling District.  
Dipt., V, 95<sup>3</sup>; Brun., R. I. M., II, 459<sup>4</sup>; <sup>5</sup> Shillong.  
*id.*, F. I. Dipt. Brachy. I, 291, fig. 21<sup>5</sup>.  
*Systropus nigricaudus*, Brun., R. I. M.,  
II, 460, 483, (1909)<sup>6</sup>.

**ANTHRACINÆ.**

Verr., Br. Flies, V, 515; Brun., F. I. Dipt.  
Brachy. I, 176-178 [tab. genera].

**12. Anthrax, Scopoli.**

*Anthrax*, Scop., Ent. Carn., 358, (1763)  
[Genotype, *A. morio*, Fb.]; Fb., Syst.  
Antl., 118, (1805); Mg., Syst. Besch.,



II, 107; Sch. F. Austr., I, 48;  
 Coq., Trans. Amer. Ent. Soc., XIV  
 159; *id.*, *loc. cit.*, XIX, 170; *id.*,  
*loc. cit.*, XXI, 97; Ald., Cat. Dipt.  
 N. Amer., 228; O.-S., Biologia, I,  
 111-140 [subgenera]; Wulp, Cat. Dipt.  
 S. Asia, 71; Kert., Cat. Dipt., V, 25;  
 Verr., Br. Flies, V, 518; Brun., R. I.  
 M., II, 451-456; *id.*, F. I. Dipt.  
 Brachy. I, 234-236.

*Aspiloptera*, Kunckel, Bull. Soc. Fr. Belg.  
 XXXIX, 145 [note] (1905).

*Chrysanthrax*, O.-S., Biologia, 121 (1886).

*Dipalta*, O.-S., Bull. U. S. Geol. Surv., III,  
 236 (1877); Coq., Can. Ent., 1886,  
 157; *id.*, Trans. Amer. Ent. Soc.,  
 XIV, 159; *id.*, *loc. cit.*, XIX, 169;  
 Will., Biologia, I, 275; Ald., Cat. N.  
 Amer., Dipt., 227.

*Hemipenthes*, Lw., Berl. Ent. Zeit., XIII,  
 28 [note] (1869).

*Hyalanthrax*, O.-S., Biologia, 134 (1877).

*Isopenthes*, O.-S., Biologia, 80, 96 (1886).

?*Paranthrax*, Big., Bull. Soc. Ent. Fr., (5)  
 VI, lxvi (1876).

*Poecilanthrax*, O.-S., Biologia, 119 (1886).

*Stonyx*, O.-S., Biologia, 80, 94 (1886).

*Thyridanthrax*, O.-S., Biologia, 123 (1886).

*Villa*, Liroy, Atti. Istit. Veneto, (3) IX, 732  
 (1864).

### **afra**, Fabricius.

*Anthrax afra*, Fb., Ent. Syst., IV, 258 <sup>2, 3</sup> E. India.

(1794); *id.*, Syst. Antl., 122, 15; Sch., <sup>4</sup> Jubbulpore.

F. Austr., I, 50; Wulp, Cat. Dipt. <sup>4</sup> Poona.

S. Asia, 71<sup>2</sup>; Kert., Cat. Dipt., V, <sup>4, 6</sup> Meerut.

27<sup>3</sup>; Brun., R. I. M., II, 451<sup>4</sup>; *id.*, <sup>4</sup> Jhansi.

*loc. cit.*, III, 222<sup>5</sup>; *id.*, F. I. Dipt. <sup>4, 6</sup> L. Burma.

Brachy. I, 240<sup>6</sup>. <sup>4, 6</sup> Orissa.

*Anthrax fimbriata*, Mg., Klass., I, 205, <sup>4, 5, 6</sup> Gonda, U. P.

(1804); *id.*, Syst. Besch., II, 154, t. 17, <sup>4, 6</sup> Allahabad.



- f. 13; Mq., Suit. à Buff., I, 405, 16; <sup>4, 6</sup> N. Bihar.  
*id.*, Dipt. Exot., II, 162, 18.  
<sup>6</sup> Dehra Dun.  
<sup>6</sup> Anamalais.  
<sup>6</sup> Satara District.  
<sup>6</sup> Madhupur.  
<sup>6</sup> Ferozepore.  
<sup>6</sup> Madras.  
<sup>6</sup> Trincomali.  
<sup>6</sup> Andamans.

- 
- <sup>2, 3</sup> Europe.  
<sup>2, 3</sup> N. & W. Africa.  
<sup>3</sup> Oceania.

**albofulva**, Walker.

- Anthrax albofulva*, Wlk., Dipt. Saund., <sup>2, 3</sup> E. India.  
 (3) 182 (1852); Wulp, Cat. Dipt. S. <sup>4</sup> Muttra.  
 Asia, 72<sup>2</sup>; Kert., Cat. Dipt., V, 28<sup>3</sup>; <sup>4</sup> Meerut.  
 Brun., R. I. M., II, 454<sup>4</sup>; *id.*, F. I. <sup>4</sup> Ferozepore.  
 Dipt. Brachy. I, 251. <sup>4</sup> Allahabad.

**aperta**, Walker.

- Anthrax aperta*, Wlk., Dipt. Saund., I, <sup>2, 3</sup> E. India.  
 180 (1852); Wulp, Cat. Dipt. S. Asia, <sup>4, 6</sup> Masuri.  
 72<sup>2</sup>; Kert., Cat. Dipt., V, 29<sup>3</sup>; Brun., <sup>5, 6</sup> Simla.  
 R. I. M., II, 453, 475<sup>4</sup> [redeser.]; *id.*, <sup>6</sup> Dehra Dun.  
*loc. cit.*, III, 223<sup>5</sup>; *id.*, F. I. Dipt. <sup>6</sup> Khasis.  
 Brachy. I, 245<sup>6</sup>. <sup>6</sup> Dawnat Range.  
*Argyramoeba aperta*, Howl., Ind. Ins. L.,  
 t. 63, f. 2.

**approximata**, Brunetti.

- Anthrax approximata*, Brun., R. I. M., <sup>1, 2</sup> Simla.  
 XIII, 74 (1917)<sup>1</sup>; *id.*, F. I. Dipt. <sup>1</sup> Abbottabad.  
 Brachy. I, 244<sup>2</sup>. <sup>1, 2</sup> Siliguri.  
*Anthrax* (?) *clara* var., Brun., R. I. M., <sup>1</sup> Pusa.  
 II, 474<sup>3</sup>. <sup>1, 2, 3</sup> Tenasserim.  
<sup>1, 2</sup> Khasis.  
<sup>1, 2</sup> Ceylon, E. P.



**aureohirta**, Brunetti.

*Anthrax aureohirta*, Brun., R. I. M., III, <sup>1, 2</sup> Calcutta.  
223 (1909)<sup>1</sup>; *id.*, F. I. Dipt. Brachy.  
I, 252<sup>2</sup>.

**baluchianus**, Brunetti.

*Anthrax baluchianus*, Brun., F. I. Dipt. <sup>1</sup> Baluchistan.  
Brachy. I, 250<sup>1</sup> (1920). <sup>1</sup> Kashmir.  
<sup>1</sup> Bahist Khal.  
<sup>1</sup> Bhattani.

**clara**, Walker.

*Anthrax clara*, Wlk., Dipt. Saund., (3) <sup>2, 3</sup> E. India.  
179 (1852); Wulp, Cat. Dipt. S. Asia, <sup>4, 5</sup> Dehra Dun.  
72<sup>2</sup>; Kert., Cat. Dipt., V, 32<sup>3</sup>; Brun., <sup>4, 5</sup> Gahrwal.  
R. I. M., II, 452, 473<sup>4</sup> [redescr.]; <sup>5</sup> W. Himalaya.  
*id.*, F. I. Dipt. Brachy. I, 243<sup>5</sup>. <sup>5</sup> Khasis.

**clausa**, Brunetti.

*Anthrax clausa*, Brun., R. I. M., II, 454, <sup>1, 2</sup> L. Burma.  
477<sup>1</sup> (1909); *id.*, F. I. Dipt. Brachy.  
I, 253.

**dia**, Wiedemann.

*Anthrax dia*, Wd., Anal. Ent., 23 (1824)<sup>1</sup>; <sup>2, 3, 4, 5</sup> Tranquebar.  
*id.*, Auss. Zweifl. Ins., I, 293; Wulp,  
Cat. Dipt. S. Asia, 71<sup>2</sup>; Kert., Cat.  
Dipt., V, 34<sup>3</sup>; Brun., R. I. M., II,  
453<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I, 250<sup>5</sup>.

**fletcheri**, Brunetti.

*Anthrax fletcheri*, Brun., F. I. Dipt. <sup>1</sup> Mysore.  
Brachy. I, 236 (1920)<sup>1</sup>. Habarane.  
Trincomali (White)

**fuscolimbata**, Brunetti.

*Anthrax fuscolimbata*, Brun., R. I. M., Hangu (N.-W. F. P.).  
XIII, 75 (1917)<sup>1</sup>; *id.*, F. I. Dipt. <sup>1, 2</sup> Simla.  
Brachy. I, 246<sup>2</sup>. <sup>1, 2</sup> Masuri.  
<sup>1, 2</sup> Madras.]



**guttatipennis**, Brunetti.

*Anthrax guttatipennis*, Brun., F. I. Dipt. <sup>1</sup> Trincomali.  
Brachy. I, 237 (1920)<sup>1</sup>.

**himalayensis**, Brunetti.

*Anthrax himalayensis*, Brun., R. I. M., <sup>1, 2, 3</sup> Naini Tal.  
III, 222, fig. (1909)<sup>1</sup>. <sup>2</sup> Simla District.  
*Anthrax himalayanus*, Brun., F. I. Dipt. <sup>2</sup> Khasis.  
Brachy., I, 238<sup>2</sup> [*lapsus*].  
*Anthrax maura*, Brun. [*nec. L.*], R. I. M.,  
II, 451<sup>3</sup>.

**hottentota**, Linnæus var. **claripennis**,

Brunetti.

*Anthrax hottentota* var. *claripennis*, Brun., <sup>1, 2</sup> Naini Tal (plains).  
R. I. M., II, 452 (1909)<sup>1</sup>; *id.*, F. I.  
Dipt. Brachy. I, 247<sup>2</sup>.

**leucopygus**, Macquart.

*Anthrax leucopyga*, Mq., Dipt. Exot., II, <sup>4</sup> Jubbulpore.  
74, t. 21, f. 1 (1842)<sup>1</sup>; Wulp, Cat. Dipt. <sup>4</sup> Itarsi.  
S. Asia, 71<sup>2</sup>; Kert., Cat. Dipt., V, 43<sup>3</sup>; <sup>4</sup> Poona.  
Brun., R. I. M., II, 453<sup>4</sup>. <sup>4</sup> Allahabad.  
[Omitted from the "Fauna of India"  
volume.] <sup>2, 3</sup> Timor.

**limpida**, Walker.

*Anthrax limpida*, Wlk., Dipt. Saund., <sup>2, 3, 4, 5</sup> E. India.  
(3) 179 (1853); Wulp, Cat. Dipt. S.  
Asia, 72<sup>2</sup>; Kert., Cat. Dipt., V, 44<sup>3</sup>;  
Brun., R. I. M., II, 453<sup>4</sup>; *id.*, F. I.  
Dipt. Brachy. I, 255<sup>5</sup>.

**lucida**, Walker.

*Anthrax lucida*, Wlk., Dipt. Saund., (3), <sup>2, 3, 4, 5</sup> E. India.  
179 (1852); Wulp, Cat. Dipt. S. Asia,  
72<sup>2</sup>; Kert., Cat. Dipt., V, 44<sup>3</sup>; Brun.,  
R. I. M., II, 453<sup>4</sup>; *id.*, F. I. Dipt.  
Brachy. I, 254<sup>5</sup>.

**manifesta**, Walker.

- Anthrax manifesta*, Wlk., Dipt. Saund., <sup>2, 3, 4</sup> E. India.  
 I, 178 (1852); Wulp, Cat. Dipt. S. <sup>4</sup> Masuri.  
 Asia, 72<sup>2</sup>; Kert., Cat. Dipt., V, 45<sup>3</sup>; <sup>5</sup> Himalaya.  
 Brun., R. I. M., II, 453, 476<sup>4</sup>; *id.*, F. I. <sup>5</sup> Dehra Dun.  
 Dipt. Brachy. I, 243<sup>5</sup>. <sup>5</sup> Garhwal.  
<sup>5</sup> Khasis.

**paniscus**, Rossi.

- Bibio paniscus*, Ross., F. Etrus., II, 256 <sup>3, 4</sup> Simla.  
 (1790)<sup>1</sup>. <sup>3, 4</sup> Naini Tal.  
*Anthrax paniscus*, Verr., Br. Flies, V, <sup>3</sup> Masuri.  
 526; Kert., Cat. Dipt., V, 50<sup>2</sup>; Brun.,  
 R. I. M., II, 452<sup>3</sup>; *id.*, F. I. Dipt.  
 Brachy. I, 248<sup>4</sup>.  
*Anthrax bimaculatus*, Mq., Suit. à Buff.,  
 I, 403 (1834).  
*Anthrax cingulatus*, Mg., Syst. Besch., <sup>2</sup> Europe.  
 II, 145 (1820).  
*Anthrax hottentotus*, Wlk. [*nec. L.*], List  
 Dipt. B. M., II, 259 (1849).

**referrens**, Walker.

- Anthrax referrens*, Wlk., Dipt. Saund., <sup>2, 3, 4, 5</sup> E. India.  
 (3) 189 (1852); Wulp, Cat. Dipt. S.  
 Asia, 72<sup>2</sup>; Kert., Cat. Dipt., V, 52<sup>3</sup>;  
 Brun., R. I. M., II, 452<sup>4</sup>; *id.*, F. I.  
 Dipt. Brachy. I, 255<sup>5</sup>.

**semifuscata**, Brunetti.

- Anthrax semifuscata*, Brun., F. I. Dipt. <sup>1</sup> Trincomali.  
 Brachy., I, 241 (1920)<sup>1</sup>.

**troglodyta**, Fabricius.

- Bibio troglodyta*, Fb., Syst. Ent., 759 <sup>3, 5</sup> E. Indies.  
 (1775)<sup>1</sup>. <sup>3, 4</sup> E. India.  
*Anthrax troglodyta*, Wd., Auss. Zweifl.  
 Ins., I, 306; Wulp, Notes Leyd. Mus.,  
 VII, 83; *id.*, Cat. Dipt. S. Asia, 71<sup>2</sup>;  
 Meij., Tijd. v. Ent. L, 240; Brun.,



R. I. M., I, 452<sup>3</sup>; *id.*, F. I. Dipt. Brachy. I, 254<sup>4</sup>; Kert., Cat. Dipt., V, 56<sup>5</sup>.

*Anthrax hyalina*, Wd., Dipt. Exot., I, 141, 34 (1821); *id.*, Auss. Zweifl. Ins., I, 297; Wulp, Tijd. v. Ent., XXIII, 165.

<sup>2, 3</sup> Java.

<sup>2</sup> Sumatra.

<sup>3, 5</sup> Papua.

<sup>5</sup> Ind. Archip.

*Anthrax lucens*, Wlk., Dipt. Saund. 180, (1852).

### 13. *Lepidanthrax*, Osten-Sacken.

*Lepidanthrax*, O.-S., Biologia, I, 107 (1886) [Genotype, *Anthrax disjuncta*, Wd.]; Coq., Trans. Amer. Ent. Soc., XIX, 169; Ald., Cat. N. Amer. Dipt., 227; Brun., F. I. Dipt. Brachy. I, 232.

*compacta*, Brunetti.

*Lepidanthrax compacta*, Brun., F. I. <sup>1</sup> Allahabad. Dipt. Brachy. I, 233 (1920)<sup>1</sup>.

*transversa*, Brunetti.

*Lepidanthrax transversa*, Brun., F. I. <sup>1</sup> Dehra Dun. Dipt. Brachy. I, 233 (1920)<sup>1</sup>.

### 14. *Argyromoeba*, Schiner.

*Argyromoeba*, Sch., Wien. Ent. Monat., IV, 5 (1860) [Genotype, *Anthrax tripunctata*, Wd.]; *id.*, F. Austr., I, 52; Lw., Besch. Europ. Dipt., I, 228.

*Argyramoeba*, Lw., Centur., II, 290 [emend.]; Wulp, Cat. Dipt. S. Asia, 73; Kert., Cat. Dipt., V, 59 [*Agyramoeba*, laps.]; Brun., R. I. M., II, 448, 450; *id.*, F. I. Dipt. Brachy. I, 214.

*Spogostylum*, Will. [nee. Mq.], Man. N. Amer. Dipt., (2nd edn.), 65, (1896); *id.*, loc. cit., (3rd edn.); 214, Ald., Cat. N. Amer. Dipt., 221.

**argentiapicalis**, Brunetti.

- Argyramoeba argentiapicalis*, Brun., R. <sup>1, 2</sup> Mahableshwar.  
 I. M., VII, 470, t. 37, f. 6 (1912)<sup>1</sup>; *id.*,  
 F. I. Dipt. Brachy. I, 227, Pl. III,  
 14<sup>2</sup>.

**bigoti**, Brunetti.

- Argyramoeba appendiculata*, Big. [*nec.* <sup>1, 2, 3, 4, 5</sup> Pondicherry.  
 Mq.], Ann. S. Ent. Fr. (7) II, 347  
 (1892)<sup>1</sup>; Wulp, Cat. Dipt. S. Asia, 73<sup>2</sup>;  
 Kert., Cat. Dipt., V, 61<sup>3</sup>; Brun., R. I.  
 M., II, 449<sup>4</sup>.  
*Argyramoeba bigoti*, Brun., R. I. Dipt.  
 Brachy. I, 222 (1920)<sup>5</sup>.

**bipunctata**, Fabricius.

- Anthrax bipunctata*, Fb., Syst. Antl., 118 <sup>2, 3, 4</sup> Tranquebar.  
 (1805)<sup>1</sup>; Wd., Auss. Zweifl. Ins., I, <sup>4, 6</sup> Karachi.  
 286; Wulp, Cat. Dipt. S. Asia, 71<sup>2</sup>. <sup>4, 6</sup> Purneah  
*Argyramoeba bipunctata*, Kert., Cat. <sup>5, 7</sup> E. India.  
 Dipt. V, 62<sup>3</sup>; Brun., R. I. M., II, 448<sup>4</sup>; <sup>6</sup> Calcutta.  
 t. 12, f. 23; *id.*, F. I. Dipt. Brachy. I, <sup>6</sup> Kumaon.  
 217<sup>6</sup>. <sup>6</sup> Pusa.  
*Anthrax carbonaria*, Wlk., Dipt. Saund., <sup>6</sup> Chapra.  
 173 (1852); Wulp, Cat. Dipt. S. Asia, <sup>6</sup> Bombay.  
 72<sup>5</sup>; Kert., Cat. Dipt., V, 31<sup>7</sup>. <sup>6</sup> Assam.  
<sup>6</sup> Konan Kuppam.

**claripennis**, Brunetti.

- Argyramoeba claripennis*, Brun., R. I. M., <sup>1, 2</sup> Lahore.  
 III, 218 (1909)<sup>1</sup>; *id.*, F. I. Dipt.  
 Brachy. I, 228<sup>2</sup>.

**distigma**, Wiedemann.

- Anthrax distigma*, Wd. Auss. Zweifl. Ins., <sup>8</sup> Matheran.  
 I, 309 (1828)<sup>1</sup>; Mq., Dipt. Exot., II, <sup>4</sup> Jullundur.  
 1, 58, 9. <sup>4, 7</sup> Bengal.  
*Spogostylum distigma*, Coq., Proc. U. S. <sup>4</sup> Allahabad.  
 Nat. Mus., XXI, 318. <sup>4</sup> Bombay.



- Argyramoeba distigma*, Sch., Novara 5, 7 Paresnath.  
 Reise, 122, 14; Wulp, Tijd. v. Ent., 5, 7 Naini Tal District.  
 XXIII, 166, 19; *id.*, Leyd. Mus. 6, 7 Ceylon.  
 Notes, VII, 83, 38; *id.*, Cat. Dipt. S. 7 Hamirpur.  
 Asia, 73<sup>2</sup>; O.-S., Berl. Ent. Zeit., 7 Madras.  
 XXVI, 122; Kert., Cat. Dipt., V, 63<sup>3</sup>; 7 Utakamund.  
 Brun., R. I. M., II, 449<sup>4</sup>; *id.*, loc. cit., 7 Mettupalaiyam.  
 III, 221<sup>5</sup>; *id.*, Spol. Zeyl., VI, 171<sup>6</sup>; 7 Khasis.  
*id.*, F. I. Dipt. Brachy. I, 218, t. 3, f. 7 L. Burma.  
 10<sup>7</sup>; Meij., Tijd. v. Ent. L, 241 (1907); 4, 7 Darjiling.  
 Howl., Ind. Ins. L., 598; Longst., 4 Dehra Dun.  
 Butterfly Hunting, 393<sup>8</sup>; Dutt, Pusa 4, 7 Lucknow. †  
 Ent. Mem., IV, 212 [notes]. 4, 7 Bangalore.  
 3, 4 Nicobars.

- 
- 2, 4 Java.  
 2, 4 Sumatra.  
 2, 4 Celebes.  
 2, 3, 4 Philippines.  
 2, 3, 4 New Guinea.

*duvaucelii*, Macquart.

- Anthrax duvaucelii*, Mq., Dipt. Exot., 2, 3, 4 Bengal.  
 II, 63, t. 20, f. 7 (1840)<sup>1</sup>; Wulp, Cat. 4, 5, 6 Purneah.  
 Dipt. S. Asia, 71<sup>2</sup>; Kert., Cat. Dipt., 4 Cawnpore.  
 V, 35<sup>3</sup>; Brun., R. I. M., II, 452<sup>4</sup>. 4, 5 Chapra.  
*Argyramoeba duvaucelii*, Brun., R. I. M., 5, 6 Baraich, U. P.  
 III, 219<sup>5</sup> [redescr.]; *id.*, F. I. Dipt. 6 Kangra Valley.  
 Brachy. I, 225<sup>6</sup>. 6 Pusa.  
 6 Lahore.  
 6 Murree Hills.  
 Peshawar.  
 6 Allahabad.

*gentilis*, Brunetti.

- Argyramoeba gentilis* Brun. R. I. M., 1, 2 Laksam.  
 II, 449, 470, t. 12, f. 25 (1909)<sup>1</sup>; *id.*, 1, 2 Margherita.  
 F. I. Dipt. Brachy. I, 230<sup>2</sup>.

**gestroi, Brunetti.**

- Argyramoeba gestroi*, Brun., R. I. M., <sup>1</sup> Bombay Presidency.  
 VII, 470, t. 37, f. 7 (1912)<sup>1</sup>; *id.*, F. I. <sup>2</sup> Satara District.  
 Dipt. Brachy. I, 222<sup>2</sup>. <sup>2</sup> Travancore.  
<sup>2</sup> Bangalore.  
<sup>2</sup> Chapra.  
 Pusa.  
 Peshawar.

**instituta, Walker.**

- Anthrax instituta*, Wlk., Dipt. Saund., <sup>2</sup>, <sup>3</sup>, <sup>4</sup>, <sup>5</sup> E. India.  
 183 (1852)<sup>1</sup>; Wulp, Cat. Dipt. S. Asia,  
 72<sup>2</sup>; Kert., Cat. Dipt., V, 42<sup>3</sup>.  
*Argyramoeba instituta*, Brun., R. I. M.,  
 II, 450<sup>4</sup>; *id.*, F. I. Dipt. Brachy., I,  
 227<sup>5</sup>.

**intermedia, Brunetti.**

- Argyramoeba intermedia*, Brun., F. I. <sup>1</sup> Orissa.  
 Dipt. Brachy., I, 221 (1920)<sup>1</sup>. <sup>1</sup> Allahabad.  
<sup>1</sup> Trincomali.

**limitarsis, Brunetti.**

- Argyramoeba limitarsis*, Brun., R. I. M., <sup>1</sup>, <sup>2</sup> Garhwal.  
 III, 217 (1909). ..  
*Argyramoeba limitaris*, Brun., F. I. Dipt.  
 Brachy. I, 220<sup>2</sup>, [emend.].

**nigrofemorata, Brunetti.**

- Argyramoeba nigrofemorata*, Brun., R. I. <sup>1</sup>, <sup>2</sup> Garhwal District.  
 M., III, 219 (1909)<sup>1</sup>; *id.*, F. I. Dipt. <sup>1</sup>, <sup>2</sup> Satara District.  
 Brachy. I, 230<sup>2</sup>.

**niveicauda, Brunetti.**

- Argyramoeba niveicauda*, Brun., F. I. <sup>1</sup> Travancore.  
 Dipt. Brachy. I, 224 (1920)<sup>1</sup>. <sup>1</sup> Calcutta.  
<sup>1</sup> Sylhet.  
<sup>1</sup> Chapra.



**niveisquamis**, Brunetti.

*Argyramoeba niveisquamis*, Brun., R. I. <sup>1, 2</sup> Baluchistan.  
M., II, 472 (1909)<sup>1</sup>; *id.*, F. I. Dipt.  
Brachy. I, 229<sup>2</sup>.

**obscurifrons**, Brunetti.

*Argyramoeba obscurifrons*, Brun., R. I. <sup>1, 2</sup> Simla District.  
M., III, 216 (1909)<sup>1</sup>; *id.*, F. I. Dipt.  
Brachy. I, 220<sup>2</sup>, t. 3 f. 11.

**varia**, Fabricius.

*Anthrax varia*, Fb., Ent. Syst., IV, 259 <sup>3</sup> Bhim Tal.  
(1794)<sup>1</sup>; *id.*, Syst. Antl., 122; Mg.,  
Syst. Besch., II, 124. <sup>2</sup> Europe.  
*Argyramoeba varia*, Sch., F. Austr., I, <sup>2</sup> N. America.  
54; Kert., Cat. Dipt., V, 68<sup>2</sup>; Brun.,  
R. I. M., II, 450<sup>3</sup>; Coq., Trans. Amer.  
Ent. Soc., XXI, 96.  
*Spogostylum varium*, Ald., Cat. N. Amer.  
Dipt., 223.  
[Omitted from the "Fauna of India"  
volume.]

**15. Spogostylum**, Macquart.

*Spogostylum*, Mq., Dipt. Exot., II, 1, 53  
(1841) [Genotype, *Sp. mystaceum*,  
Macq.]; Kert., Cat. Dipt., V, 58  
[*Spogostylum*]; Brun., F. I. Dipt.  
Brachy. I, 213.

**austeni**, Brunetti.

*Spogostylum austeni*, Brun., F. I. Dipt. <sup>1</sup> Lahore.  
Brachy. I, 213 (1920)<sup>1</sup>.

**16. Exoprosopa**, Macquart.\*

*Exoprosopa*, Mq., Dipt. Exot., II, 35, (1840)  
[Genotype, *Bibio capucina*, Fb. as

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\*Whilst this catalogue has been passing through Press a paper by Nurse has appeared (*Jo. Bomb. N. H. S.* xxviii, 630, tab., June 1922), in which ten new species are described and three Palearctic species added to the Indian Fauna. Revised key for determination of all described species, pp. 631-632.

*pandora*, Fb.] ; Sch., F. Austr., I, 54 ;  
Coq., Can. Ent., XXIV, 123 ; O.-S.,  
Biologia, I, 77 ; Will., *loc. cit.*, I, 269 ;  
Ald., Cat. N. Amer. Dipt., 225 ; Wulp,  
Cat. Dipt. S. Asia, 69 ; Kert., Cat.  
Dipt., V, 5 ; Brun., R. I. M., II, 443,  
447, *id.*, F. I. Dipt., Brachy. I,  
189.

*Argyrospyla*, Rond., Dipt. Ital. Prodr., I, 162  
(1856).

*Argyrospila*, Verr., *apud* Scudd., Nomencl.,  
32 (1882).

*Defliippia*, Lioy, Atti. Istit. Veneto, (3) IX,  
733 (1864).

*Exoptata*, (p. p.), Coq., Can. Ent., XIX, 13  
(1887).

*Hoteralonia*, Rond., Arch. Zool. Modena,  
III, (sep.) 57 (1863).

*Litorhynchus*, Mq., Dipt. Exot., II, 78 (1840).

*Trinaria*, Muls., Mem. Acad. Lyon. (2) II,  
20 (1852).

**albida**, Walker.

*Anthrax albida*, Wlk., Dipt. Saund., I, <sup>1, 2, 3, 4, 5</sup> E. Indies.  
171 (1852)<sup>1</sup> ; Wulp, Cat. Dipt. S. Asia,  
72<sup>2</sup>.

*Exoprosopa albida*, Kert., Cat. Dipt., V,  
6<sup>3</sup> ; Brun., R. I. M., II, 447 ; *id.*, F. I.  
Dipt. Brachy. I, 212.

**alexon**, Walker.

*Anthrax alexon*, Wlk., List Dipt. B. M., <sup>1, 2, 3, 4, 5</sup> E. Indies.  
II, 246 (1849)<sup>1</sup> ; Wulp, Cat. Dipt. S.  
Asia, 71<sup>2</sup>.

*Exoprosopa alexon*, Kert., Cat. Dipt., V,  
6<sup>3</sup> ; Brun., R. I. M., II, 445<sup>4</sup> ; *id.*,  
F. I. Dipt. Brachy., I, 211<sup>5</sup>.

**annandalei**, Brunetti.

*Exoprosopa annandalei* Brun., R. I. M., <sup>1, 2</sup> Moulmein.  
II, 445, 469, t. 12, f. 20 (1909)<sup>1</sup> ; *id.*,  
F. I. Dipt. Brachy. I, 199, t. 3, f. 8.<sup>2</sup>



**auripleura**, Walker.

*Anthrax auripleura*, Wlk., Dipt. Saund., <sup>1, 2, 3, 4, 5</sup> E. Indies.  
I, 171 (1852)<sup>1</sup>; Wulp, Cat. Dipt. S.  
Asia, 72<sup>2</sup>.

*Exoprosopa auripleura*, Kert., Cat. Dipt.,  
V, 7<sup>3</sup>; Brun., R. I. M., II, 445<sup>4</sup>; *id.*,  
F. I. Dipt. Brachy. I, 212<sup>5</sup>.

**basifascia**, Walker.

*Anthrax basifascia*, Wlk., List Dipt. <sup>2, 4</sup> Bengal.  
B. M., II, 248 (1849)<sup>1</sup>; Wulp, Cat. <sup>3, 5</sup> N. Bengal.  
Dipt. S. Asia, 71<sup>2</sup>.

*Exoprosopa basifascia*, Kert., Cat. Dipt.,  
V, 7<sup>3</sup>; Brun., R. I. M., II, 447<sup>4</sup>; *id.*,  
F. I. Dipt. Brachy. I, 211<sup>5</sup>.

**bengalensis**, Macquart.

*Exoprosopa bengalensis*, Mq., Dipt. Exot., <sup>2, 3, 4</sup> Bengal.  
II, 49, t. 18, f. 4 (1840)<sup>1</sup>; Wulp, Cat. <sup>5</sup> Bellary.  
Dipt. S. Asia, 70<sup>2</sup>; Kert., Cat. Dipt., <sup>5</sup> Bellary District.  
V, 7<sup>3</sup>; Brun., R. I. M., II, 445, t. 12, <sup>5</sup> Ceylon, E. P.  
f. 18<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I, 206,  
t. 3, f. 5.<sup>5</sup>

**brahma**, Schiner.

*Exoprosopa brahma*, Sch., Novara Reise, <sup>2, 3, 4, 5</sup> Ceylon.  
118 (1868)<sup>1</sup>; Wulp, Cat. Dipt. S. Asia,  
71<sup>2</sup>; Kert., Cat. Dipt., V, 8<sup>3</sup>; Brun.,  
R. I. M., II, 446, t. 12, f. 22<sup>4</sup>; *id.*,  
F. I. Dipt. Brachy. I, 206, t. 3, f. 6<sup>5</sup>.

**flammea**, Brunetti.

*Exoprosopa flammea*, Brun., R. I. M., <sup>1, 3</sup> Pusa.  
II, 444, 466 (1909)<sup>1</sup>; *id.*, Spol. Zeyl., <sup>2</sup> Ceylon.  
VI, 171<sup>2</sup>; *id.*, F. I. Dipt. Brachy. I, <sup>1</sup> Trivandrum.  
193<sup>3</sup>; Howl., Ind. Ins. L., t. 63, f. 3 <sup>3</sup> Trincomali.  
(1909).

**flavipennis**, Brunetti.

*Exoprosopa flavipennis*, Brun., R. I. M., <sup>1, 2</sup> Pusa.  
II, 444, 465 (1909)<sup>1</sup>; *id.*, F. I. Dipt.  
Brachy. I, 192<sup>2</sup>.

**insulata**, Walker.

- Anthrax insulata*, Wlk., Dipt. Saund., 2, 4, 5 E. India.  
 172 (1852)<sup>1</sup>; Wulp, Cat. Dipt. S. Asia, 3, 5, 6 Nepal Terai.  
 72<sup>2</sup>; Brun., R. I. M., III, 222<sup>3</sup>. 3, 6 Gonda, U. P.
- Exoprosopa insulata*, Kert., Cat. Dipt., Simla.  
 V, 14<sup>4</sup>; Brun., R. I. M., II, 446, t. 12, 5 Masuri.  
 f. 21<sup>5</sup>; *id.*, F. I. Dipt. Brachy. I, 203, 6 Dehra Dun.  
 t. 3, f. 4. 6 Naini Tal.
- Exoprosopa octonotata*, Big., *nom. nud.* 6 Allahabad.  
 Belgachia.  
 6 Bhandhara, C. P.  
 6 Madhupur.  
 Chitorgarh.  
 Surat.  
 6 N. Kanara.  
 6 Utakamand.  
 6 Ceylon.  
 6 N. Khasis.  
 6 L. Burma.

**lar**, Fabricius.

- Bibio lar*, Fb., Spec. Ins., II, 414 (1781)<sup>1</sup>. 2, 3, 4 Bengal.
- Anthrax lar*, Fb., Syst. Antl., 110; *id.*, 4 Bombay.  
 Ent. Syst., IV, 257, 4; Wd., Auss. 5 United Provinces.  
 Zweifl. Ins., I, 268. 5 Central Provinces.
- Exoprosopa lar*, Wulp, Cat. Dipt. S. Asia, 7 Central India.  
 70<sup>2</sup>; Kert., Cat. Dipt., V, 15<sup>3</sup>; Brun., 6, 7 Madras.  
 R. I. M., II, 443, 444<sup>4</sup>; *id.*, F. I. Dipt. 5, 9 Kangra Valley.  
 Brachy. I, 194-7, t. 3, f. 1<sup>5</sup>. 5, 9 Sikkim.
- Exoprosopa binotata*, Mq., Dipt. Exot., 5, 10 Ceylon, E. P.  
 Supp. 5, 69, 66 (1855); Wulp, Cat. 5, 7 Mysore.  
 Dipt. S. Asia, 70<sup>8</sup>; Kert., Cat. Dipt., 5, 7 Travancore.  
 V, 8<sup>12</sup>. 6 E. India.
- \**Anthrax collaris*, Wd., Auss. Zweifl. Ins.,  
 I, 271 (1828); Wlk., List Dipt. B. M.,  
 II, 247; Wulp, Cat. Dipt. S. Asia,  
 71<sup>6</sup>.
- Litorhynchus collaris*, Mq., Dipt. Exot.,  
 I, 1, 80.

†Nurse (*Bmb. Jo.*, xxviii, 630) now regards this species as distinct, placing it and lar in *Litorhynchus* as a valid genus.



- Exoprosopa collaris*, Kert., Cat. Dipt., V, <sup>11</sup> Australia.  
 9<sup>11</sup>; Brun., R. I. M., II, 444, t. 12,  
 f. 16<sup>7</sup>; *id.*, loc. cit., III, 216<sup>9</sup>; *id.*, Spol.  
 Zeyl., VI, 171<sup>10</sup>.  
*Anthrax ruficollis*, Saund., T. Ent. Soc.  
 Lon., III, 59, Pl. V, 5, (1841).

**lateralis**, Brunetti.

- Exoprosopa lateralis*, Brun., R. I. M., <sup>1, 2</sup> Calcutta.  
 II, 445, 467-8, t. 12, f. 7<sup>1</sup> (1909); *id.*, <sup>2</sup> N. Kanara.  
 F. I. Dipt. Brachy. I, 198, t. 3, f. 7<sup>2</sup>.

**latipennis**, Brunetti.

- Exoprosopa latipennis*, Brun., R. I. M., <sup>1, 2</sup> Shillong.  
 II, 444, 464-5 (1909)<sup>1</sup>; *id.*, F. I. Dipt. <sup>2</sup> Khasis.  
 Brachy. I, 198<sup>2</sup>.

**maculiventris**, Brunetti.

- Exoprosopa maculiventris*, Brun., F. I. <sup>1</sup> Garhwal.  
 Dipt. Brachy. I, 200 (1920)<sup>1</sup>.

**niveiventris**, Brunetti.

- Exoprosopa niveiventris*, Brun., R. I. M., <sup>1, 2</sup> Paresnath.  
 III, 214-216 (1909)<sup>1</sup>; *id.*, F. I. Dipt. <sup>2</sup> S. Coorg.  
 Brachy. I, 207<sup>2</sup>. <sup>2</sup> Ceylon, E. P.

**pennipes**, Wiedemann.

- Anthrax pennipes*, Wd., Dipt. Exot., I, <sup>4, 5</sup> Karachi.  
 129 (1821)<sup>1</sup>; *id.*, Auss. Zweifl. Ins., I, <sup>4, 5</sup> Assam.  
 272. <sup>4, 5</sup> Pusa.  
*Hyperalonia pennipes*, Rend., Ann. Mus. <sup>3</sup> Madras.  
 Genoa, VII, 452.  
*Exoprosopa pennipes*, Mq., Dipt. Exot., <sup>2, 3, 4</sup> Borneo.  
 II, 1, 49; Wulp, Cat. Dipt. S. Asia, <sup>3</sup> Java.  
 70<sup>2</sup>; Kert., Cat. Dipt., V, 19<sup>3</sup>; Brun., <sup>3</sup> Oceania.  
 R. I. M., II, 443<sup>3</sup>; *id.*, F. I. Dipt. <sup>2</sup> ?Cape of Good Hope.  
 Brachy. I 197<sup>5</sup>.

**puerula**, Brunetti.

- Exoprosopa puerula* Brun., F. I. Dipt. <sup>1</sup> Madras.  
 Brachy. I, 205, t. 3, f. 9 (1920)<sup>1</sup>.

**semilucida**, Walker.

*Anthrax semilucida* Wlk. Dipt. Saund. <sup>1, 2, 3, 4, 5</sup> E. Indies.  
III, 170 (1852)<sup>1</sup>; Wulp, Cat. Dipt., S.  
Asia, 72<sup>2</sup>.

*Exoprosopa semilucida* Kert., Cat.  
Dipt., V, 21<sup>3</sup>; Brun., R. I. M., II,  
447<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I,  
212<sup>5</sup>.

**stylata**, Brunetti.

*Exoprosopa stylata* Brun., F. I. Dipt. <sup>1</sup> Bellary District.  
Brachy. I, 201 (1920)<sup>1</sup>.

**vitrea**, Bigot.

*Exoprosopa vitrea* Big., Ann. Soc., Ent. <sup>2, 3, 4</sup> Pondicherry.  
Fr., LXI, 344 (1892)<sup>1</sup>; Wulp, Cat. <sup>5, 6</sup> Satara District.  
Dipt. S. Asia, 71<sup>2</sup>; Kert., Cat. Dipt. <sup>6</sup> W. Ghats.  
V, 24<sup>3</sup>; Brun., R. I. M., II, 447<sup>4</sup>; *id.* Mohanpur (Bengal).  
*loc. cit.*, VII, 467-8, t. 37, f. 5<sup>5</sup>; *id.*  
F. I. Dipt. Brachy. I, 210.

**vitripennis**, Brunetti.

*Exoprosopa vitripennis*, Brun. R. I. M., <sup>1, 2</sup> Mahableshtar.  
VII, 467-9 (1912)<sup>1</sup>; *id.*, F. I. Dipt. <sup>2</sup> Ceylon E. P.  
Brachy. I, 210<sup>2</sup>.

**17. Hyperalonia**, Rondani.

*Hyperalonia*, Rond., Arch. Zool. Modena,  
III, 1, (1864) [Genotype, *Stomoxys*  
*morio*, Fb., (*Anthrax erythrocephalus*,  
Fb.); O.-S., Biologia, I, 89, [revised  
chars.]; Ald., Cat. N. Amer. Dipt.,  
224; Brun., R. I. M., II, 438, 442;  
*id.*, F. I. Dipt. Brachy. I, 178; Kert.,  
Cat. Dipt., V, I, Will. Biologia, I,  
273 [notes].

*Velocia*, Coq., Can. Ent., XVIII, 158 (1886).

**aurantiaca**, Guérin.

*Anthrax aurantiaca*, Guér., Icon. Regne <sup>2, 3, 4, 5</sup> Bengal.  
Anim., III, (Ins.) 539, t. 95, f. 6 Chapra.  
(?1843)<sup>1</sup>.



*Exoprosopa aurantiaca*, Wulp, Cat.  
Dipt. S. Asia, 70<sup>2</sup>; Kert., Cat. Dipt.,  
V. 7<sup>3</sup>.

*Hyperalonia aurantiaca*, Brun., R. I. M.,  
II, 440, 460 [redescr.]<sup>4</sup>; *id.*, F. I.  
Dipt. Brachy. I, 186<sup>5</sup>.

**chrysolampis**, Jaennicke.

*Exoprosopa chrysolampis*, Jaen., Abh. <sup>4, 5</sup> Sikkim.  
Senck. Nat. Ges., VI, 344, t. 43, f. 8 <sup>4, 5</sup> Bhim Tal.  
(1867)<sup>1</sup>; O.-S., Ann. Mus. Gen., XVI,  
433; Wulp, Cat. Dipt. S. Asia, 70<sup>2</sup>. <sup>2, 3, 4, 5</sup> Java.  
*Hyperalonia chrysolampis*, Kert., Cat. <sup>2, 3, 4, 5</sup> Moluccas.  
Dipt., V, 2<sup>3</sup>; Brun., R. I. M., II, 439<sup>4</sup>; <sup>4, 5</sup> Borneo.  
*id.*, F. I. Dipt. Brachy. I, 182<sup>5</sup>.

**dives**, Walker.

*Anthrax dives*, Wlk., List Dipt. B. M., <sup>2, 3, 4, 5</sup> Sylhet.  
II, 40 (1849)<sup>1</sup>; Wulp, Cat. Dipt. S.  
Asia, 71<sup>2</sup>.  
*Exoprosopa dives*, Kert. Cat. Dipt., V,  
10<sup>3</sup>.  
*Hyperalonia dives*, Brun., R. I. M., II,  
439<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I, 180.

**flaviventris**, Doleschall.

*Anthrax flaviventris*, Dol., Nat. Tijd. <sup>4 5</sup> Tenassarim.  
Ned. Ind., XIV, 400, (1857)<sup>1</sup>; <sup>4 5</sup> Trivandrum.  
*Exoprosopa flaviventris*, Wulp, Cat. Coorg.  
Dipt. S. Asia, 70<sup>2</sup>; Kert., Cat. Dipt.,  
V, 12<sup>3</sup>. <sup>2, 3, 4, 5</sup> Amboina.  
*Hyperalonia flaviventris*, O.-S., Berl. Ent. <sup>3</sup> Philippines.  
Zeit., XXVI, 112; Brun., R. I. M.,  
II, 441<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I,  
183.

**oenomaus**, Rondani.

*Hyperalonia oenomaus*, Rond., Ann. Mus. <sup>3</sup> Darjiling District.  
Gen., VII, 453 (1875)<sup>1</sup>; Brun., R. I. <sup>3</sup> Sikkim.  
M., II, 442<sup>2</sup>; *id.*, F. I. Dipt. Brachy. <sup>3</sup> Mergui.  
I, 185<sup>3</sup>. <sup>3</sup> Sadiya.  
Shillong.

*Exoprosopa oenomaus*, O.-S., Berl. Ent. Zeit., XXVI, 112; Wulp, Cat. Dipt. S. Asia, 71<sup>4</sup>.  
 2, 3, 4 Borneo.  
 2, 3, 4 Philippines.

**semifuscata**, Brunetti.

*Hyperalonia semifuscata*, Brun., R. I. M., VII, 466, t. 37, f. 4 (1912)<sup>1</sup>; *id.*, F. I. Dipt. Brachy., I, 188<sup>2</sup>.  
 1, 2 Mahableshwar.

**sphinx**, Fabricius.

*Bibio sphinx*, Fb. Mantissa, II, 329, 20 (1787)<sup>1</sup>.  
*Anthrax sphinx*, Fb. Syst. Antl., 126; Wd., Auss. Zweifl. Ins., I, 258; Mq., Dipt. Exot., II, L, 37.  
*Exoprosopa sphinx*, Wulp, Cat. Dipt. S. Asia, 70<sup>2</sup>; Kert., Cat. Dipt., V, 22<sup>3</sup>.  
*Hyperalonia sphinx*, Brun., R. I. M., II, 440<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I, 187<sup>5</sup>; Howl., Ind. Ins. L., 600 [parasite of *Sceliphron*]; Dutt, Pusa Ent. Mem., IV, 210, fig. 8 [pupa], fig. 9 [bionomics].  
 2, 3 E. India.  
 4, 5 Trivandrum.  
 4, 5 Bombay.  
 5 Orissa.  
 5 Chapra.  
 5 Coimbatore.  
 4, 5 Ceylon.

**suffusipennis**, Brunetti.

*Hyperalonia suffusipennis*, Brun., R. I. M., II, 462, t. 12, f. 15 (1909)<sup>1</sup>; *id.*, F. I. Dipt. Brachy I, 188, t. 3, f. 1<sup>2</sup>.  
 1, 2 Purneah.  
 2 Naini Tal.  
 2 Dehra Dun.  
 2 Coorg.  
 Tranquebar.

**tantalus**, Fabricius.

*Anthrax tantalus*, Fb., Ent. Syst., IV, 260 (1794)<sup>1</sup>; Wd. Auss. Zweifl. Ins., I, 255, 4; Mq., H. N. Dipt., I, 401; Kirby., A. M. N. H., 1884, 458.  
*Exoprosopa tantalus*, Mq., Dipt. Exot., I, L, 37; Kert., Cat. Pal. Dipt., II, 169<sup>4</sup>; Meij., Tijd. v. Ent., L, 239; Wulp, Cat. Dipt. S. Asia, 70<sup>2</sup>.  
*Hyperalonia tantalus*, Rond., Ann. Mus. Gen., VII, 453; Brun., R. I. M., II,  
 2, 3, 5 Hindostan.  
 3, 5 Tranquebar.  
 3, 5 Sikkim.  
 3, 5 Nepal.  
 3, 5 Assam.  
 3, 5 Tennaserim.  
 5 Naini Tal District,  
 9 Ceylon.  
 2, 3, 5 Java.



- 438<sup>3</sup>; *id.*, F. I. Dipt. Brachy., I, 181<sup>5</sup>; <sup>2, 3, 5</sup> Borneo..  
 Kert., Cat. Dipt., V, 4<sup>8</sup>; Longstaff, <sup>2, 3, 5</sup> Celebes.  
 Butterfly Hunting, 372<sup>9</sup>. <sup>2, 3, 5, 8</sup> China.  
*Anthrax caeruleopennis*, Dol., Nat. Tijd. <sup>3, 5, 8</sup> Papua.  
 Ned. Ind., XIV, 400, t. 9, f. 2<sup>6</sup> (1857). <sup>3, 5</sup> Sumatra.  
*Exoprosopa caeruleopennis*, O.-S., Ann. <sup>3, 4, 5, 8</sup> Japan.  
 Mus. Gen., XVI, 433; Wulp, Cat. <sup>6, 7</sup> Amboina.  
 Dipt. S. Asia, 70<sup>7</sup>. <sup>8</sup> Malay Archipelago.  
*Hyperalonia hyx*, Big., *nom. nud.*

*tristis*, van der Wulp.

- Exoprosopa tristis*, Wulp, Tijd. v. Ent., <sup>4, 5</sup> Tenmalai (Travan-  
 XI, 107, t. 3, f. 11 (1868)<sup>1</sup>; *id.*, Cat. core).  
 Dipt. S. Asia, 71<sup>2</sup>; Kert., Cat. Dipt.,  
 V, 23<sup>3</sup>. <sup>2, 3, 4</sup> Timor.  
*Hyperalonia tristis*, Brun., R. I. M., II,  
 439<sup>4</sup>; *id.*, F. I. Dipt. Brachy. I, 180<sup>5</sup>.

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